| - | 131 | @ad<19980923 AND (365/\$ OR 711/\$).CCLS. | USPAT; | 2003/02/13 13:35 |
|----|------|---|---------------------------|------------------|
| | | AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 | US-PGPUB; | |
| | | OR program\$4)) SAME (before NEAR4 | EPO; JPO; | |
| | | (finish\$3 OR complet\$3 OR done OR | IBM_TDB | |
| | 5 | written))) @ad<19980923 AND (charg\$3 NEAR3 pump\$3) | USPAT; | 2003/02/13 13:37 |
| - | | AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 | US-PGPUB; | 2003,02,13 13.3. |
| | | OR program\$4)) SAME (before NEAR4 | EPO; JPO; | |
| | | (finish\$3 OR complet\$3 OR done OR | IBM TDB | 1 |
| | | written))) | _ | |
| - | 167 | | USPAT; | 2003/02/13 13:39 |
| | İ | AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | |
| | | alternat\$4) | EPO; JPO; | |
| | 1.50 | 0-4<10000022 AND (-homes NEAD2 | IBM_TDB USPAT; | 2003/02/13 13:44 |
| - | 150 | @ad<19980923 AND (charg\$3 NEAR3 pump\$3) AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | 2003/02/13 13:44 |
| | | alternat\$4) AND (memory OR storage) | EPO; JPO; | |
| | | dicellucy if land (memory on scorage) | IBM TDB | |
| _ | 59 | @ad<19980923 AND (charg\$3 NEAR3 pump\$3) | USPAT; | 2003/02/13 13:46 |
| | | AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | |
| | | (alternates OR alternating)) AND (memory | EPO; JPO; | |
| | | OR storage) | IBM_TDB | |
| - | 19 | | USPAT; | 2003/09/23 16:09 |
| | | (((multilevel OR "multi-level") NEAR2 | US-PGPUB; | |
| | | analog) NEAR3 (memory OR storage)) AND | EPO; JPO; | |
| _ | 450 | (camera OR imag\$3) (@ad<19980923 OR @rlad<19980923) AND | <pre>IBM_TDB USPAT;</pre> | 2003/09/23 09:22 |
| _ | 430 | ((multilevel OR "multi-level") NEAR3 | US-PGPUB; | 2003/03/23 03.22 |
| | | (memory OR storage)) AND (camera OR | EPO; JPO; | |
| | | imag\$3) | IBM TDB | |
| _ | 347 | | USPAT; | 2003/09/23 10:18 |
| | | ((multilevel OR "multi-level") NEAR2 | US-PGPUB; | |
| | | (memory OR storage)) AND (camera OR | EPO; JPO; | |
| | | imag\$3) | IBM TDB | 0000/00/00 10 00 |
| _ | 341 | ((@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/23 10:23 |
| | | (analog NEAR2 (memory OR storage)) AND (ccd OR "image sensor" OR "image pickup" | US-PGPUB; EPO; JPO; | |
| | | OR "image pick up" OR "imaging device" OR | IBM TDB | |
| | | "image sensing" OR "imaging array" OR | 1511_155 | |
| | | "pixel sensor" OR "imaging apparatus" OR | | |
| | | "image capturing" OR "video sensor" OR | | |
| | | "imaging unit")) AND compress\$3 AND | | |
| | | process\$3 | | 0000/05/55 |
| - | 210 | (@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/23 10:56 |
| | | (analog NEAR2 (memory OR storage)) AND | US-PGPUB; | , |
| | | ("image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR | EPO; JPO; IBM TDB | |
| • | | "image pick up OK 'imaging device OK "image sensing" OR "imaging array" OR | 1517_108 | |
| | | "pixel sensor" OR "imaging apparatus" OR | | |
| | | "image capturing" OR "video sensor" OR | | |
| | | "imaging unit") AND compress\$3 AND | | |
| | | process\$3 | | |
| _ | 1 | ("6594036").PN. | USPAT; | 2003/09/23 12:37 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; IBM TDB | |
| _ | 49 | (@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/24 11:47 |
| | | ((multilevel OR "multi-level") NEAR3 | US-PGPUB; | 2000,00,24 11.4/ |
| | 1 | (memory OR storage)) AND (camera OR | EPO; JPO; | |
| 1 | | imag\$3) AND (analog NEAR3 (memory OR | IBM_TDB | |
| | | storage)) | _ | |
| - | 3 | Wong-Sau-C.IN. AND imag\$3.CLM. | USPAT; | 2003/09/23 15:27 |
| | | | US-PGPUB; | |
| 1 | | | EPO; JPO; | |
| 1_ | 1 | ("5784018").PN. | IBM_TDB USPAT; | 2003/00/22 15.50 |
| | | (5/04010).FM. | USPAT; US-PGPUB; | 2003/09/23 15:59 |
| | | | EPO; JPO; | |
| } | | | IBM TDB | |
| L | | L | | · |

| _ | 1 | ("20030058355").PN. | USPAT; US-PGPUB; | 2003/09/23 16:08 |
|---|-----|---|------------------------|--------------------|
| | | | EPO; JPO; IBM_TDB | |
| - | 1 | ("5852416").PN. | USPAT; US-PGPUB; | 2003/09/23 16:08 |
| | | | EPO; JPO; IBM_TDB | |
| - | 6 | (@ad<19980923 OR @rlad<19980923) AND (((multivalue\$1 OR "multi-value"\$1) NEAR2 | USPAT; US-PGPUB; | 2003/09/23 16:53 |
| | | analog) NEAR3 (memory OR storage)) AND (camera OR imag\$3) | EPO; JPO; IBM_TDB | |
| - | 1 | ("4209853").PN. | USPĀT; US-PGPUB; | 2003/09/23 16:53 |
| | | | EPO; JPO; IBM TDB | |
| - | 0 | (@ad<19980923 OR @rlad<19980923) AND ((multilevel OR "multi-level" OR | USPĀT; US-PGPUB; | 2003/09/24 12:03 |
| | | multistate OR "multi-state" OR multivalue OR multivalued OR "multi-value" OR | EPO; JPO; IBM TDB | |
| | | "multi-valued") NEAR3 (memory OR storage)) AND (camera OR imag\$3) AND (analog NEAR3 | _ | |
| _ | 8 | (memory OR storage)) AND pipelin\$3 (@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/24 13:09 |
| | | ((multilevel OR "multi-level" OR multistate OR "multi-state" OR multivalue | US-PGPUB; EPO; JPO; | 2000, 03, 23 20.03 |
| | | OR multivalued OR "multi-value" OR | IBM_TDB | |
| | | "multi-valued") NEAR3 (memory OR storage)) AND (analog NEAR3 (memory OR storage)) AND | | |
| - | 167 | pipelin\$3 (@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/24 14:21 |
| | | ((multilevel OR "multi-level" OR multistate OR "multi-state" OR multivalue | US-PGPUB; EPO; JPO; | |
| | | OR multivalued OR "multi-value" OR "multi-valued") NEAR3 (memory OR storage)) | IBM_TDB | |
| _ | 4 | AND pipelin\$3 ((@ad<19980923 OR @rlad<19980923) AND | USPAT; | 2003/09/24 13:17 |
| | | ((multilevel OR "multi-level" OR multistate OR "multi-state" OR multivalue | US-PGPUB; EPO; JPO; | |
| | | OR multivalued OR "multi-value" OR "multi-valued") NEAR3 (memory OR storage)) | IBM_TDB | |
| | | AND pipelin\$3) AND ((odd OR even) NEAR4 pipelin\$3) | | |
| - | 4 | ((@ad<19980923 OR @rlad<19980923) AND ((multilevel OR "multi-level" OR | USPAT; US-PGPUB; | 2003/09/24 13:18 |
| | | multistate OR "multi-state" OR multivalue | EPO; JPO; | |
| | | OR multivalued OR "multi-value" OR "multi-valued") NEAR3 (memory OR storage)) | IBM_TDB | |
| | | AND pipelin\$3) AND (alternat\$3 NEAR4 pipelin\$3) | | |
| - | 60 | Wong-Sau-C.IN. | USPAT; US-PGPUB; | 2003/09/24 14:08 |
| | | | EPO; JPO; IBM_TDB | |
| _ | 44 | ("4054864" "4057788" "4181980" "4200841" "4318188" "4627027" | USPĀT | 2003/09/24 13:19 |
| | | "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" | | |
| | | "5055897" "5126967" "5163021" "5164915" "5168465" "5172338" | | |
| | | "5218569" "5220531" "5239500" | | |
| | | "5272669" "5294819" "5339270" | | |
| | | "5394362" "5430670" "5430674" "5519654" "5519847" "5537350" | | |
| | | "5612913" "5654925" "5680341" "5694356" "5712815" "5781474" | | |
| | | "5784319" "5848013" "5867430" "5905673" "6134145").PN. | | |

| - | 1 | ("3927308").PN. | USPAT; US-PGPUB; EPO; JPO; | 2003/09/24 14:10 |
|---|------|---|---|------------------|
| - | 1 | ("5280358").PN. | IBM TDB USPAT; US-PGPUB; | 2003/09/24 14:19 |
| _ | . 1 | ("5093750").PN. | EPO; JPO; IBM_TDB USPAT; | 2003/09/24 14:19 |
| | | | US-PGPUB; EPO; JPO; IBM TDB | |
| - | 374 | ((multilevel OR "multi-level" OR multistate OR "multi-state" OR multivalue OR multivalued OR "multi-value" OR | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/09/24 14:22 |
| - | 79 | "multi-valued") NEAR3 (memory OR storage)) AND (mb OR mbit OR megabit) (@ad<19980923 OR @rlad<19980923) AND ((multilevel OR "multi-level" OR multistate OR "multi-state" OR multivalue OR multivalued OR "multi-value" OR "multi-valued") NEAR3 (memory OR storage)) AND ((mb OR mbit OR megabit) NEAR3 ("s" OR | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/09/24 16:41 |
| - | 0 | sec OR second)) | USPAT; US-PGPUB; EPO; JPO; | 2003/09/24 14:51 |
| _ | 4 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND "multi level flash" | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/24 14:53 |
| _ | 32 | (@ad<19980923 OR @rlad<19980923) AND (digital NEAR3 camera) AND ("multi level flash" OR "multilevel flash") | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/09/24 14:57 |
| | . 66 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND "analog memory" | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/09/24 17:21 |
| _ | 4 | ("4732470" "5155520" "5184216" "5198896").PN. | USPAT | 2003/09/24 16:54 |
| - | 14 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND (memory NEAR5 (external\$2 NEAR2 access\$5)) | USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 09:37 |
| - | 1 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND (memory WITH (processor NEAR3 ready)) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 09:41 |
| _ | 6 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND (memory WITH (process\$3 NEAR3 ready)) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 12:43 |
| - | 15 | (@ad<19980923 OR @rlad<19980923) AND (348/207.99-376).CCLS. AND (memory WITH (process\$3 NEAR3 avail\$7)) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 11:07 |
| - | 1 | ("5852416").PN. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 11:07 |
| - | 613 | (@ad<19980923 OR @rlad<19980923) AND camera AND (analog ADJ4 memory) AND (process\$3 OR compress\$3) AND digital | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 17:08 |
| _ | 25 | "analog/multilevel" OR "analog/multi-level" | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/09/25 17:08 |
| | | | IBM_TDB | <u> </u> |